PROJECT TITLE : CIGARETTE AND SMOKE ANALYSES

PERIOD COVERED : JUNE 22 - JULY 21 1981

WRITTEN BY : Senehi-F (SEF)

COMPARATIVE RESULTS OF THE OFFICIAL CANTONAL LABORATORY OF ZURICH (DR. ROMANN) and QA FTR

A list has been established showing the tar, smoke nicotine (SN), carbon monoxide (CO) and nitrogen monoxide (NO) content of all FTR brands analysed by Dr. Romann, compared with the results obtained by QA FTR. (1)

On average, the tar and smoke nicotine results obtained by Dr. Romann are lower than those obtained by QA FTR (see table 1).

The 1981 deviations are comparable with those of 1980 for the tar but lower for the smoke nicotine:

	Deviation in %	
	1981	1980
Tar (mg/cig)	- 10.2	- 10.6
SN (mg/cig)	- 3.5	- 7.5

Compared with the printed values, all the tar and smoke nicotine results obtained by Dr. Romann are within the tolerance limits with the exception of the two following brands:

	Printed values Smoke nicotine	Limit value Smoke nicotine	Dr. Romann Smoke nicotine
Marlboro 100'S Red Box	1.2	1.38	1.39
Milla F	0.8	0.92	0.97

Compared with printed values, all the tar and smoke nicotine results obtained by QA FTR are within the tolerance limits.

00014424 3

Source: https://www.industrydocuments.ucsf.edu/docs/klhk0000

PRODUCT REPORTS

Product reports were written on the following new or modified brands:

Brand	Manufacturer	Country of sale
Condor 84/F (new brand)	Brinkmann	West Germany
Lord Ultra 84/F (line extension)	Brinkmann	West Germany
Lucky Strike 84/F (new brand)	BAT	West Germany
Peer Export 84/F (new pack design)	Brinkmann	West Germany
Peter Stuyvesant Super Long 94/F (line extension)	Reemtsma	West Germany
Peter Stuyvesant Leichte Mischung 84/F (line extension)	Reemtsma	West Germany
Tobacco House No. 7 84/F (new brand)	Nestor Gianaclis	West Germany

REFERENCE

1. Report Senehi-F (July 21 1981)

Enclosure: Table 1

SEF/edk/JULY 30 1981

0001442244

Source: https://www.industrydocuments.ucsf.edu/docs/klhk0000

COMPARATIVE RESULTS OF THE OFFICIAL CANTONAL LABORATORY OF ZURICH (DR. ROMANN) AND QA FTR

Table 1

BRANDS	TAR (MG/CIG)			NICOTINE (MG/CIG)			CO (MG/CIG)		NO (MG/CIG)	
	ROMANN	QA FTR	PRINTED VALUES	ROMANN	QA FTR	PRINTED VALUES	ROMANN	QA FTR	ROMANN	QA FTR
ARLETTE	12.5	12.8	14	0.63	0.71	0.8	17.3	17.1	0.40	0.32
BASTOS	14.9	16.1	17	0.77	0.90	1.1	14.4	15.7	0.36	0.37
BRUNETTE No. 3	1.8	2.7	3	0.17	0.25	0.3	2.2	3.4	0.06	0.06
BRUNETTE CARREE / PLATE	16.7/17.7	19.2	21	0.95/0.90	1.17	1.3	14.1/14.2	15.2	0.27/0.29	0.30
BRUNETTE DOUBLE	11.5	12.9	14	0.69	0.78	1.0	13.5	15.2	0.30	0.29
BRUNETTE EXTRA MOU / BOX	4.4/4.9	5.5	6	0.35/0.39	0.41	0.5	7.6/8.7	8.7	0.16/0.17	0.17
BRUNETTE FILTRE	15.0	14.4	16	0.91	0.93	1.1	15.9	15.6	0.25	0.29
CHAMPION	12.4	13.2	15	1.17	1.20	1.4	13.6	12.9	0.09	0.10
DIANA KING SIZE	14.3	15.7	15	0.98	1.06	1.0	15.8	17.2	0.18	0.19
FLINT SOFT	5.9	6.4	7	0.46	0.48	0.6	8.8	9.6	0.12	0.11
FLINT KING SIZE BOX	6.5	7.5	7	0.55	0.58	0.6	9.8	10.5	0.13	0.15
FLINT ULTRA	0.7	1.2	1	0.08	0.13	0.1	2.7	3.5	0.06	0.06
MARLBORO BOX	15.2	16.3	16	1.16	1.17	1.2	13.7	15.9	0.20	0.24
MARLBORO GOLD	7.1	8.8	9	0.62	0.67	0.8	9.6	11.6	0.18	0.21
MARLBORO KING SIZE	14.4	16.2	16	1.19	1.22	1.2	15.1	16.2	0.21	0.25
MARLBORO 100'S RED BOX	14.7	16.7	17	1.39	1.27	1.2	14.3	16.1	0.20	0.25
MERCEDES KING SIZE	13.8	16.5	16	0.92	1.07	1.1	16.3	16.5	0.16	0.18
MILLA	15.5	16.5	16	0.97	0.89	0.8	14.3	15.2	0.09	0.09
MS KING SIZE	15.8	17.0	18	1.32	1.28	1.2	17.2	16.6	0.34	0.36
MULTIFILTER 100's	11.1	12.5	13	1.01	0.96	1.0	12.2	13.8	0.16	0.17
MULTIFILTER KING SIZE	10.6	11.6	12	0.98	0.93	0.9	12.3	11.4	0.15	0.14
MURATTI AMBASSADOR BOX	10.0	11.8	12	0.93	0.92	0.9	11.2	12.9	0.12	0.14
MURATTI AMBASSADOR EXTRA	4.0	4.7	5	0.43	0.37	0.4	7.6	9.4	0.10	0.12
MURATTI AMBASSADOR KING SIZE	10.3	11.9	12	0.83	0.88	0.9	12.2	13.7	0.17	0.17
MURATTI 2000	5.3	6.8	7	0.46	0.52	0.6	7.9	9.6	0.12	0.12
MURATTI 2000 EXTRA LONGS BOX	5.0	7.0	9	0.47	0.58	0.8	7.0	10.7	0.10	0.12
MORRIS POLE	12.7	13.8	13	0.98	0.91	0.9	13.3	14.3	0.18	0.17
PHILIP MORRIS INTERNATIONAL	15.8	16.5	17	1.17	1.11	1.1	16.2	18.1	0.20	0.27
PHILIP MORRIS KING SIZE NF	20.8	23.3	23	1.62	1.65	1.5	12.3	13.8	0.17	0.20
REGENT	13.8	15.6	15	1.05	1.03	1.0	14.4	17.6	0.18	0.19
GENERAL AVERAGE	11.11	12.37	12.74	0.84	0.87	0.91	12.12	13.27	0.18	0.19

THE SAMPLES WERE TAKEN AT ONNENS ON MAY 21, 1981

0000144245

Source: https://www.industrydocuments.ucsf.edu/docs/klhk0000